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Commissioner for Patents  
P.O. Box 1450  
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On OCTOBER 30, 2003  
TOWNSEND and TOWNSEND and CREW LLP  
By: STEPHANIE T. WHITEHURST

PATENT  
Attorney Docket No.: 02307Z-085820US  
Client Ref. No.: 98-207-3

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TECH CENTER 1600/2900

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

NICHOLAS L. ABBOTT, et al.

Application No.: 09/637,844

Filed: August 10, 2000

For: OPTICAL AMPLIFICATION OF  
MOLECULAR INTERACTIONS USING  
LIQUID CRYSTALS

Customer No.: 20350

Confirmation No.: 7090

Examiner: Celsa, Bennett M.

Technology Center/Art Unit: 1639

AMENDMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed June 30, 2003, please enter the following amendments and remarks:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 9 of this paper.

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